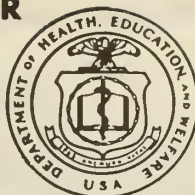


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COMMUNICABLE DISEASE CENTER

Morbidity and Mortality



Vol. 14, No. 3

WEEKLY
REPORT

Week Ending
January 23, 1965

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

EPIDEMIOLOGIC NOTES

INFLUENZA

Within the past week, notifications of focal outbreaks of influenza-like illnesses have been received from New Jersey, Connecticut, Massachusetts, and Pennsylvania. Serological confirmations of influenza A₂ infection have been completed in the former two States but no virus isolations have yet resulted from laboratory studies. Generally, the outbreaks have been scattered. While at times involving a substantial number of school aged

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individuals, there has been little evidence in current epidemiological comment of spread to adults.

Accounts of the recent experiences in these four States are printed on pages 26 and 27. Other States in the Middle Atlantic and New England divisions have not reported similar findings.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

Disease	3rd Week Ended		Median 1960 - 1964	Cumulative, First 3 Weeks		
	January 23, 1965	January 18, 1964		1965	1964	Median 1960 - 1964
Aseptic meningitis	32	41	24	100	90	79
Brucellosis	7	3	7	17	10	21
Diphtheria	3	2	5	12	11	40
Encephalitis, primary infectious .	25	19	---	90	80	---
Encephalitis, post-infectious....	10	5	---	34	19	---
Hepatitis, infectious including serum hepatitis	770	872	1,183	2,254	2,366	2,967
Measles	6,805	5,946	8,095	18,754	14,819	21,112
Meningococcal infections	71	62	62	198	155	157
Poliomyelitis, Total	—	—	8	—	1	27
Paralytic	—	—	5	—	—	15
Nonparalytic	—	—	---	—	1	---
Unspecified	—	—	---	—	—	---
Streptococcal Sore Throat and Scarlet fever	9,541	8,141	8,508	28,139	23,685	23,546
Tetanus	3	6	---	11	15	---
Tularemia	11	13	---	24	29	---
Typhoid fever	9	7	8	13	16	16
Rabies in Animals	93	44	57	273	163	163

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	1	Rabies in Man:	—
Batulism:	—	Smallpox:	—
Leptospirosis:	—	Trichinosis:	1
Malaria:	—	Typhus—	—
Plague:	—	Murine:	—
Psittocasis: Go. — 1	1	Rky. Mt. Spotted: Ga. — 1	3

INFLUENZA - State Reports

New Jersey

Focal outbreaks of febrile respiratory disease were observed among residents of two institutions from approximately middle January: At a State training school for boys, cases with clinical characteristics of influenza were studied in the State Laboratory. Three of five acute-convalescent serum pairs demonstrated substantial titer rises to influenza A₂. A similar clinical illness among some 12-15 percent of patients on two of 13 wards in a large psychiatric hospital is currently being investigated but no laboratory documentation is available presently.

Elsewhere in the State there have been reports of respiratory illnesses contributing to increased absenteeism in schools and perhaps industries although this information has not been fully substantiated on initial survey.

(Reported by Dr. William J. Dougherty, Director, Preventive Disease Control and Dr. Martin Goldfield, Director, Laboratories, New Jersey State Department of Health.)

Connecticut

From middle to late December 1964, moderate amounts of respiratory illness were noted in eastern Connecticut. In more recent weeks, presumably the same disease has been responsible for up to 20 percent school absenteeism in scattered areas over the State. There is little evidence of progression at the present time.

Diagnostic antibody titer rises to influenza A₂ have recently been described in paired serum specimens sub-

mitted from nine different geographical regions in the State.

(Reported by Dr. James C. Hart, Director, Preventable Diseases and Mr. Earle K. Borman, Director, Laboratory Services, Connecticut State Department of Health.)

Massachusetts

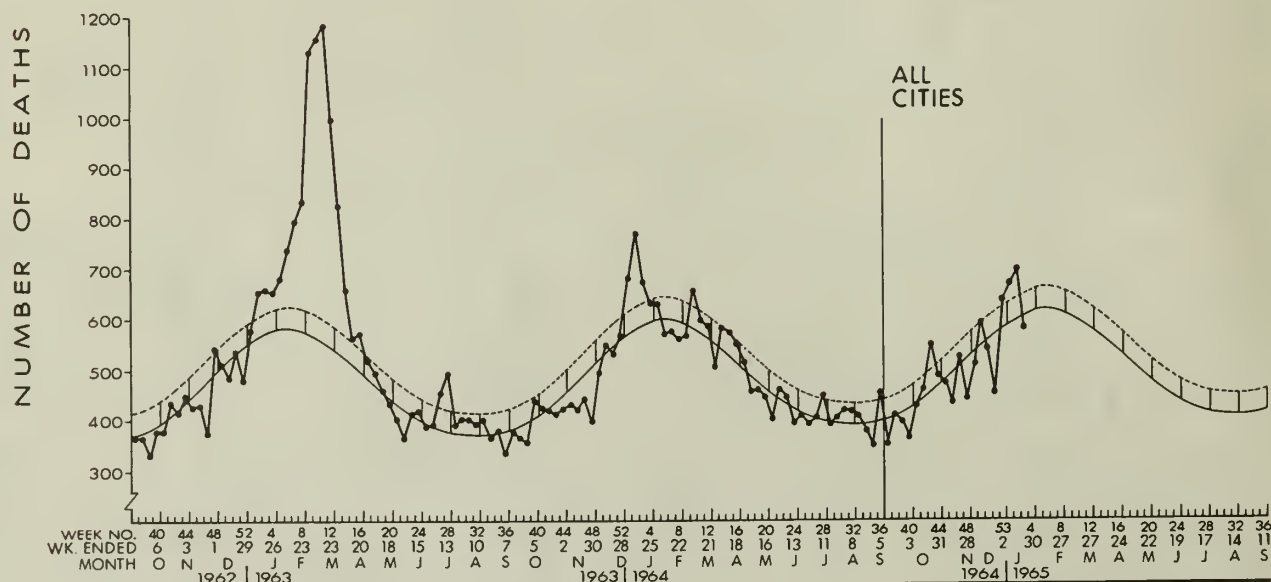
Scattered outbreaks of an influenza-like illness affecting predominantly school children have been reported from some six communities in the eastern half of the State during the past 1-2 weeks. In Clinton, one of the first towns to be affected, absenteeism in a junior-senior high school reached nearly 30 percent at its peak. The illness, characterized by headache, arthralgias, fever up to 103°, cough, and lacrimation has not been reported as affecting large numbers of adults. Clinical specimens representative of the major geographical foci are being processed in the State Virus Laboratory.

(Reported by Dr. Nicholas J. Fiumara, Director, Communicable Diseases, Massachusetts Department of Public Health.)

Pennsylvania

Rapid appearance of febrile respiratory disease in Allegheny County (Southwest Pennsylvania) during recent weeks resulted in daily school absenteeism rising to 20-40

PNEUMONIA-INFLUENZA DEATHS IN 122 UNITED STATES CITIES



percent in some instances. The clinical illness is described as "influenza-like" although laboratory tests have not yet demonstrated the etiological agent.

In one large high school, it is estimated that perhaps one-half of the 2000 students reported respiratory illnesses during the past week. Noteworthy is the observation

that none of the 60 members of the school's football squad having received commercial influenza vaccine in the fall of 1964 was ill during this time.

(Reported by Dr. Edwin Brown, Allegheny County Epidemiologist and EIS Officer assigned to the County Health Department.)

ANTIMONY POISONING - Virginia

Twenty persons experienced nausea, vomiting, abdominal pain and varying degrees of prostration 15-45 minutes after drinking punch poured from a large gray "granite" enamelware coffee pot while attending an annual church-school meeting in a Virginia community. Cherry juice, powdered citric acid mix, sugar, saccharin, and lemon juice concentrate were mixed in a 2-gallon gray enamelware coffee pot, and stored in a refrigerator for 24 hours.

Children attending Bible classes were served cookies and punch by age groups in the order of Kindergarten, Primary, Junior and Junior High. The Nursery group was not served because others were already becoming ill by the time their turn arrived. Cases occurred as follows within each group:

Classes by order Of Serving	Pupils		Teachers	
	Total	Ill	Total	Ill
Kindergarten	17	9	3	0
Primary	13	10	3	1
Junior	9	0	3	0
Junior High	5	0	1	0
Nursery *	8	0	1	0
	52	19	11	1

* Did not receive punch.

same ingredients and refrigerated for the same length of time showed a pH of 4.6 and a concentration of antimony of eleven (11) parts per million or 0.325 mg per ounce. The punch was served in 3 oz. cups and most drank only one serving.

Recovery was prompt and uneventful. It is noted that of the groups who drank the punch, only the first 2 groups were affected; none of the older children (Junior and Junior High) were ill and only one of the 11 teachers. In an effort to explain this phenomenon, consideration was given to the possibility of varying concentrations of antimony at different levels due to settling. However, samples taken at different levels in the pot of simulated punch did not show any appreciable variation. Virginia State Health authorities postulate that at this low concentration of antimony the smaller body weight of the younger group may have been significant to the development of disease.

Notably, a similar episode occurred the previous year during this annual church-school meeting.

(Reported by Dr. J.B. Kenley, Director, Bureau of Epidemiology, Virginia State Department of Health; Dr. André F. Scheele, Director, Prince William County Health Department; Mr. W. French Skinner, Director, Bureau of Laboratories, Virginia State Department of Health.)

The small quantity of remaining punch, negative for the usual bacteriological pathogens, had a pH of 4.6 and a positive qualitative test for antimony. Simulated punch made up in the laboratory in the same coffee pot using the

Editor's Note: Antimony is often contained in the binding between the enamel and metal of older utensils. Citric acid can dissolve the binding behind a worn enamel coat, releasing sufficient antimony to cause toxic symptoms.

JANUARY 23, 1965 AND JANUARY 18, 1964 (3rd WEEK)

Area	Aseptic Meningitis		Encephalitis		Poliomyelitis						Diphtheria	
			Primary	Post-Inf.	Total Cases		Paralytic				Cum.	
	Cumulative						Cumulative					
	1965	1964			1965	1965		1964	1965			1965
UNITED STATES...	32	41	25	10	-	-	1	-	-	-	3	12
NEW ENGLAND.....	1	-	1	-	-	-	-	-	-	-	-	-
Maine.....	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	1	-	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	1	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	1	3	10	1	-	-	-	-	-	-	1	1
New York City.....	-	-	6	-	-	-	-	-	-	-	1	1
New York, Up-State.	1	1	3	-	-	-	-	-	-	-	-	-
New Jersey.....	-	1	1	-	-	-	-	-	-	-	-	-
Pennsylvania.....	-	1	-	1	-	-	-	-	-	-	-	-
EAST NORTH CENTRAL...	3	7	3	4	-	-	-	-	-	-	1	1
Ohio.....	1	1	2	-	-	-	-	-	-	-	-	-
Indiana.....	1	1	-	-	-	-	-	-	-	-	1	1
Illinois.....	-	-	-	4	-	-	-	-	-	-	-	-
Michigan.....	1	4	1	-	-	-	-	-	-	-	-	-
Wisconsin.....	-	1	-	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL...	1	1	1	-	-	-	-	-	-	-	-	4
Minnesota.....	1	-	-	-	-	-	-	-	-	-	-	-
Iowa.....	-	-	-	-	-	-	-	-	-	-	-	-
Missouri.....	-	1	-	-	-	-	-	-	-	-	-	1
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	2
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-	1
Kansas.....	-	-	1	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	7	9	6	-	-	-	1	-	-	-	1	3
Delaware.....	1	1	-	-	-	-	-	-	-	-	-	-
Maryland.....	-	-	-	-	-	-	-	-	-	-	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	-	-	1	-	-	-	-	-	-	-	-	-
West Virginia.....	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina.....	-	-	1	-	-	-	1	-	-	-	-	1
South Carolina.....	-	-	-	-	-	-	-	-	-	-	-	-
Georgia.....	-	-	-	-	-	-	-	-	-	-	-	-
Florida.....	6	8	4	-	-	-	-	-	-	-	1	2
EAST SOUTH CENTRAL...	2	4	-	-	-	-	-	-	-	-	-	1
Kentucky.....	1	4	-	-	-	-	-	-	-	-	-	-
Tennessee.....	-	-	-	-	-	-	-	-	-	-	-	-
Alabama.....	1	-	-	-	-	-	-	-	-	-	-	-
Mississippi.....	-	-	-	-	-	-	-	-	-	-	-	1
WEST SOUTH CENTRAL...	4	3	-	-	-	-	-	-	-	-	-	2
Arkansas.....	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana.....	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma.....	1	1	-	-	-	-	-	-	-	-	-	-
Texas.....	3	2	-	-	-	-	-	-	-	-	-	2
MOUNTAIN.....	-	4	1	-	-	-	-	-	-	-	-	-
Montana.....	-	-	-	-	-	-	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	-	4	1	-	-	-	-	-	-	-	-	-
New Mexico.....	-	-	-	-	-	-	-	-	-	-	-	-
Arizona.....	-	-	-	-	-	-	-	-	-	-	-	-
Utah.....	-	-	-	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	13	10	3	5	-	-	-	-	-	-	-	-
Washington.....	-	-	-	-	-	-	-	-	-	-	-	-
Oregon.....	-	-	1	-	-	-	-	-	-	-	-	-
California.....	11	7	2	5	-	-	-	-	-	-	-	-
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	2	3	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-	-	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JANUARY 23, 1965 AND JANUARY 18, 1964 (3rd WEEK) - Continued

Area	Brucel- losis	Infectious Hepatitis including Serum Hepatitis					Meningococcal Infections			Tetanus	
		Total incl. unk.	Under 20 years	20 years and over	Cumulative Totals		1965	Cumulative		1965	Cum. 1965
		1965	1965	1965	1965	1964		1965	1964		
UNITED STATES...	7	770	382	341	2,254	2,366	71	198	155	3	11
NEW ENGLAND.....	-	44	23	17	137	330	2	8	5	-	1
Maine.....	-	10	5	3	29	128	-	1	-	-	-
New Hampshire.....	-	2	2	-	11	44	-	-	-	-	1
Vermont.....	-	7	2	5	12	44	-	-	-	-	-
Massachusetts.....	-	8	5	2	47	48	1	5	1	-	-
Rhode Island.....	-	6	4	2	12	15	-	1	-	-	-
Connecticut.....	-	11	5	5	26	51	1	1	4	-	-
MIDDLE ATLANTIC.....	-	162	77	85	443	535	8	27	22	1	1
New York City.....	-	30	7	23	73	78	3	7	5	-	-
New York, Up-State.....	-	71	44	27	211	278	1	6	9	1	1
New Jersey.....	-	19	4	15	57	55	2	8	2	-	-
Pennsylvania.....	-	42	22	20	102	124	2	6	6	-	-
EAST NORTH CENTRAL...	-	111	65	39	382	301	7	22	16	-	-
Ohio.....	-	34	22	10	122	101	2	10	6	-	-
Indiana.....	-	-	-	-	8	13	2	2	1	-	-
Illinois.....	-	20	11	9	74	34	1	6	3	-	-
Michigan.....	-	45	26	19	148	139	1	1	5	-	-
Wisconsin.....	-	12	6	1	30	14	1	3	1	-	-
WEST NORTH CENTRAL...	6	52	31	21	161	146	5	13	5	-	2
Minnesota.....	-	11	6	5	14	5	2	2	2	-	1
Iowa.....	3	21	13	8	86	25	-	-	-	-	-
Missouri.....	3	6	2	4	26	31	2	6	2	-	1
North Dakota.....	-	1	1	-	1	1	-	3	1	-	-
South Dakota.....	-	-	-	-	2	12	-	-	-	-	-
Nebraska.....	-	-	-	-	3	7	-	-	-	-	-
Kansas.....	-	13	9	4	29	65	1	2	-	-	-
SOUTH ATLANTIC.....	-	68	34	31	234	205	20	45	42	1	5
Delaware.....	-	1	-	1	4	2	1	2	-	-	-
Maryland.....	-	18	10	8	45	36	2	2	3	-	-
Dist. of Columbia..	-	1	-	1	2	2	-	-	-	-	-
Virginia.....	-	11	2	7	44	22	3	6	4	1	1
West Virginia.....	-	16	11	5	48	23	1	3	4	-	-
North Carolina.....	-	3	1	2	23	43	3	5	6	-	-
South Carolina.....	-	3	2	1	9	4	3	3	7	-	-
Georgia.....	-	1	-	1	19	5	2	11	6	-	3
Florida.....	-	14	8	5	40	68	5	13	12	-	1
EAST SOUTH CENTRAL...	-	63	34	25	131	176	3	14	12	-	-
Kentucky.....	-	23	12	8	44	84	-	7	4	-	-
Tennessee.....	-	26	18	7	48	56	2	4	6	-	-
Alabama.....	-	10	4	6	27	26	1	3	2	-	-
Mississippi.....	-	4	-	4	12	10	-	-	-	-	-
WEST SOUTH CENTRAL...	-	85	46	35	239	133	8	24	21	1	1
Arkansas.....	-	8	3	5	25	17	-	2	1	-	-
Louisiana.....	-	19	8	11	36	17	2	6	6	-	-
Oklahoma.....	-	4	1	3	9	7	2	5	2	-	-
Texas.....	-	54	34	16	169	92	4	11	12	1	1
MOUNTAIN.....	1	39	12	10	134	167	3	6	11	-	-
Montana.....	-	3	3	-	10	17	-	-	-	-	-
Idaho.....	-	3	-	-	28	14	-	-	1	-	-
Wyoming.....	-	7	2	3	13	3	-	-	1	-	-
Colorado.....	-	6	3	3	9	30	1	1	3	-	-
New Mexico.....	-	7	2	2	28	39	2	5	5	-	-
Arizona.....	-	7	-	-	31	29	-	-	-	-	-
Utah.....	1	6	2	2	15	31	-	-	1	-	-
Nevada.....	-	-	-	-	-	4	-	-	-	-	-
PACIFIC.....	-	146	60	78	393	373	15	39	21	-	1
Washington.....	-	17	6	11	33	47	-	-	2	-	-
Oregon.....	-	18	6	12	47	38	-	1	-	-	-
California.....	-	103	48	55	277	264	15	37	18	-	1
Alaska.....	-	8	-	-	36	14	-	1	-	-	-
Hawaii.....	-	-	-	-	-	10	-	-	1	-	-
Puerto Rico	-	9	5	4	11	10	-	-	-	-	-

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JANUARY 23, 1965 AND JANUARY 18, 1964 (3rd WEEK) - Continued

Area	Measles			Strept. Sore Th. & Scarlet Fev.	Tularemia		Typhoid Fever		Rabies in Animals	
	1965	Cumulative			1965	Cum. 1965	1965	Cum. 1965	1965	Cum. 1965
		1965	1964							
UNITED STATES...	6,805	18,754	14,819	9,541	11	24	9	13	93	273
NEW ENGLAND.....	1,584	5,331	816	976	-	-	-	-	3	5
Maine.....	203	698	75	158	-	-	-	-	-	-
New Hampshire.....	28	115	5	-	-	-	-	-	-	-
Vermont.....	-	20	207	3	-	-	-	-	3	4
Massachusetts.....	991	2,957	189	102	-	-	-	-	-	-
Rhode Island.....	209	571	37	45	-	-	-	-	-	-
Connecticut.....	153	970	303	668	-	-	-	-	-	1
MIDDLE ATLANTIC.....	238	660	2,861	452	-	-	2	2	3	10
New York City.....	32	99	1,192	16	-	-	1	1	-	-
New York, up-State.	50	207	567	261	-	-	1	1	3	8
New Jersey.....	59	113	458	70	-	-	-	-	-	-
Pennsylvania.....	97	241	644	105	-	-	-	-	-	2
EAST NORTH CENTRAL...	1,286	3,017	2,645	992	-	-	-	-	3	13
Ohio.....	361	658	364	107	-	-	-	-	-	-
Indiana.....	89	142	557	159	-	-	-	-	1	4
Illinois.....	36	92	987	148	-	-	-	-	-	-
Michigan.....	583	1,526	482	400	-	-	-	-	2	4
Wisconsin.....	217	599	255	178	-	-	-	-	-	5
WEST NORTH CENTRAL...	413	1,238	381	370	1	2	-	-	19	55
Minnesota.....	7	15	3	14	-	-	-	-	5	13
Iowa.....	143	573	104	69	-	-	-	-	5	17
Missouri.....	47	129	32	29	1	1	-	-	6	10
North Dakota.....	150	427	239	127	-	-	-	-	-	6
South Dakota.....	-	16	3	45	-	-	-	-	2	3
Nebraska.....	66	78	-	-	-	-	-	-	1	4
Kansas.....	NN	NN	NN	86	-	1	-	-	-	2
SOUTH ATLANTIC.....	1,254	2,886	1,789	1,263	4	9	4	5	17	39
Delaware.....	15	66	20	21	-	-	-	-	-	-
Maryland.....	11	29	303	96	-	-	3	3	1	1
Dist. of Columbia..	-	-	27	13	-	-	-	-	-	-
Virginia.....	329	485	345	332	1	3	-	-	11	33
West Virginia.....	836	2,102	614	525	-	-	-	-	1	1
North Carolina.....	6	56	48	14	-	-	1	2	-	-
South Carolina.....	4	21	271	23	-	2	-	-	-	-
Georgia.....	17	28	49	30	3	4	-	-	1	1
Florida.....	36	99	112	209	-	-	-	-	3	3
EAST SOUTH CENTRAL...	440	999	2,226	1,412	3	5	1	1	25	98
Kentucky.....	49	59	1,253	85	-	1	-	-	-	5
Tennessee.....	248	659	855	1,210	2	3	-	-	23	88
Alabama.....	107	169	89	81	1	1	1	1	2	5
Mississippi.....	36	112	29	36	-	-	-	-	-	-
WEST SOUTH CENTRAL...	655	1,507	859	829	3	6	1	3	17	38
Arkansas.....	4	6	29	12	1	3	-	2	3	5
Louisiana.....	-	1	1	3	-	-	-	-	5	11
Oklahoma.....	12	17	12	76	2	3	1	1	4	8
Texas.....	639	1,483	817	738	-	-	-	-	5	14
MOUNTAIN.....	434	1,722	711	1,381	-	2	1	1	1	5
Montana.....	102	570	227	83	-	-	-	-	-	-
Idaho.....	99	295	106	197	-	-	-	-	-	-
Wyoming.....	2	56	6	43	-	-	1	1	-	-
Colorado.....	64	245	63	477	-	-	-	-	-	-
New Mexico.....	4	51	42	210	-	-	-	-	-	-
Arizona.....	13	43	172	183	-	-	-	-	1	5
Utah.....	150	459	65	188	-	2	-	-	-	-
Nevada.....	-	3	30	-	-	-	-	-	-	-
PACIFIC.....	501	1,394	2,531	1,866	-	-	-	1	5	10
Washington.....	184	325	1,068	353	-	-	-	-	-	-
Oregon.....	61	365	331	30	-	-	-	-	-	-
California.....	177	526	873	1,378	-	-	-	-	5	10
Alaska.....	16	25	235	4	-	-	-	-	-	-
Hawaii.....	63	153	24	101	-	-	-	1	-	-
Puerto Rico	26	84	189	8	-	-	-	-	-	-

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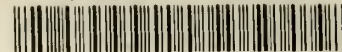
Table 4. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JANUARY 23, 1965

Week No.
3

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	795	521	50	38	SOUTH ATLANTIC:	1,201	618	39	70
Boston, Mass.-----	229	129	13	13	Atlanta, Ga.-----	132	64	3	9
Bridgeport, Conn.-----	57	42	13	1	Baltimore, Md.-----	284	135	4	24
Cambridge, Mass.-----	41	28	1	1	Charlotte, N. C.-----	55	28	3	5
Fall River, Mass.-----	31	23	1	2	Jacksonville, Fla.-----	79	37	2	4
Hartford, Conn.-----	54	33	-	4	Miami, Fla.-----	78	38	-	4
Lowell, Mass.-----	32	18	1	5	Norfolk, Va.-----	44	15	2	5
Lynn, Mass.-----	36	26	4	-	Richmond, Va.-----	99	56	1	5
New Bedford, Mass.-----	23	14	2	2	Savannah, Ga.-----	32	12	1	1
New Haven, Conn.-----	64	43	-	1	St. Petersburg, Fla.-----	83	69	1	1
Providence, R. I.-----	60	42	3	2	Tampa, Fla.-----	88	53	11	3
Somerville, Mass.-----	20	14	-	2	Washington, D. C.-----	184	87	10	9
Springfield, Mass.-----	57	40	6	1	Wilmington, Del.-----	43	24	1	-
Waterbury, Conn.-----	29	22	-	-					
Worcester, Mass.-----	62	47	6	4	EAST SOUTH CENTRAL:	643	340	25	44
MIDDLE ATLANTIC:	3,765	2,258	181	188	Birmingham, Ala.-----	82	38	1	6
Albany, N. Y.-----	57	40	-	3	Chattanooga, Tenn.-----	31	21	3	2
Allentown, Pa.-----	45	30	3	-	Knoxville, Tenn.-----	41	22	1	-
Buffalo, N. Y.-----	174	105	4	15	Louisville, Ky.-----	171	95	7	13
Camden, N. J.-----	32	19	6	2	Memphis, Tenn.-----	132	63	6	11
Elizabeth, N. J.-----	42	23	3	6	Mobile, Ala.-----	54	27	2	6
Erie, Pa.-----	44	28	3	-	Montgomery, Ala.-----	45	19	3	2
Jersey City, N. J.-----	68	41	3	2	Nashville, Tenn.-----	87	55	2	4
Newark, N. J.-----	106	52	7	11	WEST SOUTH CENTRAL:	1,236	615	73	91
New York City, N. Y.-----	1,946	1,179	80	82	Austin, Tex.-----	46	23	13	3
Paterson, N. J.-----	41	20	8	3	Baton Rouge, La.-----	29	15	1	3
Philadelphia, Pa.-----	562	307	23	38	Corpus Christi, Tex.-----	17	11	2	1
Pittsburgh, Pa.-----	202	121	7	5	Dallas, Tex.-----	162	75	4	8
Reading, Pa.-----	60	45	6	-	El Paso, Tex.-----	40	16	2	3
Rochester, N. Y.-----	109	73	9	4	Fort Worth, Tex.-----	77	43	4	1
Schenectady, N. Y.-----	25	11	-	2	Houston, Tex.-----	256	117	11	13
Scranton, Pa.-----	39	26	1	1	Little Rock, Ark.-----	56	28	6	3
Syracuse, N. Y.-----	78	49	3	6	New Orleans, La.-----	213	107	12	18
Trenton, N. J.-----	68	41	7	3	Oklahoma City, Okla.-----	103	52	4	7
Utica, N. Y.-----	28	23	4	-	San Antonio, Tex.-----	118	64	4	16
Yonkers, N. Y.-----	39	25	4	5	Shreveport, La.-----	52	22	4	8
EAST NORTH CENTRAL:	2,650	1,485	115	174	Tulsa, Okla.-----	67	42	6	7
Akron, Ohio-----	64	30	1	5	MOUNTAIN:	442	252	19	31
Canton, Ohio-----	40	31	9	-	Albuquerque, N. Mex.-----	43	22	6	9
Chicago, Ill.-----	789	412	42	66	Colorado Springs, Colo.-----	19	8	1	1
Cincinnati, Ohio-----	147	84	6	8	Denver, Colo.-----	134	83	5	6
Cleveland, Ohio-----	244	143	4	17	Ogden, Utah-----	18	12	2	2
Columbus, Ohio-----	122	72	-	6	Phoenix, Ariz.-----	107	57	4	6
Dayton, Ohio-----	82	44	3	6	Pueblo, Colo.-----	19	7	-	3
Detroit, Mich.-----	350	189	22	23	Salt Lake City, Utah*-----	55	33	1	4
Evansville, Ind.-----	46	31	-	4	Tucson, Ariz.-----	47	30	-	-
Flint, Mich.-----	41	26	2	-	PACIFIC:	1,825	1,122	52	96
Fort Wayne, Ind.-----	38	25	2	2	Berkeley, Calif.-----	12	9	-	-
Gary, Ind.-----	24	6	2	5	Fresno, Calif.-----	60	34	2	2
Grand Rapids, Mich.-----	54	38	6	-	Glendale, Calif.-----	43	34	-	1
Indianapolis, Ind.-----	188	106	5	11	Honolulu, Hawaii-----	50	24	-	8
Madison, Wis.-----	32	19	-	1	Long Beach, Calif.-----	64	51	2	-
Milwaukee, Wis.-----	118	75	1	8	Los Angeles, Calif.-----	688	410	24	43
Peoria, Ill.-----	35	14	1	4	Oakland, Calif.-----	78	49	-	3
Rockford, Ill.-----	37	20	6	2	Pasadena, Calif.-----	36	26	-	-
South Bend, Ind.-----	36	16	1	1	Portland, Oreg.-----	119	68	4	11
Toledo, Ohio-----	94	60	2	2	Sacramento, Calif.-----	72	41	1	-
Youngstown, Ohio-----	69	44	-	3	San Diego, Calif.-----	119	69	5	12
WEST NORTH CENTRAL:	921	529	28	71	San Francisco, Calif.-----	210	134	8	8
Des Moines, Iowa-----	51	31	2	2	San Jose, Calif.-----	34	21	2	2
Duluth, Minn.-----	34	16	-	2	Seattle, Wash.-----	165	99	2	4
Kansas City, Kans.-----	44	21	2	8	Spokane, Wash.-----	44	31	-	1
Kansas City, Mo.-----	128	80	1	11	Tacoma, Wash.-----	31	22	2	1
Lincoln, Nebr.-----	30	18	1	2	Total	13,478	7,740	582	803
Minneapolis, Minn.-----	144	101	4	9	Cumulative Totals				
Omaha, Nebr.-----	74	43	-	6	including reported corrections for previous weeks				
St. Louis, Mo.-----	252	142	13	16	All Causes, All Ages -----				41,936
St. Paul, Minn.-----	98	56	-	11	All Causes, Age 65 and over-----				23,810
Wichita, Kans.-----	66	21	5	4	Pneumonia and Influenza, All Ages-----				1,947
					All Causes, Under 1 Year of Age-----				2,526

*Estimate - based on average percent of divisional total.



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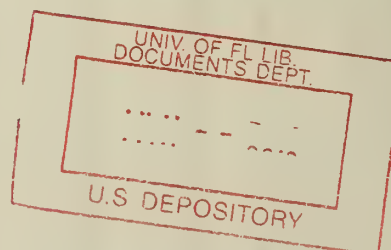
THE EDITOR
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NOTE: THESE PROVISIONAL DATA ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

SYMBOLS:----DATA NOT AVAILABLE
- QUANTITY ZERO

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